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N,N'-bis(4,4,4-trinitrobutyryl)hydrazine

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Abstract

N,N'-Bis(4,4,4-trinitrobutyryl)hydrazine which is prepared by reacting 4,4,4-trinitrobutyryl chloride with hydrazine in methanol at low temperature. This compound is sensitive enough to be used as an initiating explosive and thermally stable enough to be used in missile warheads.

References: US 02311098 19430200 Swan et al.
03373181 19680300 Linden et al.
03624129 19711100 Kamley
03624130 19711100 Klemm et al.
03894990 19750700 Muller et al.
04659403 19870400 Kirschke et al.
04683085 19870700 Frankel et al.

Status: N

http://www.dt.navy.mil/patents/indian_head/51/5183938.html

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